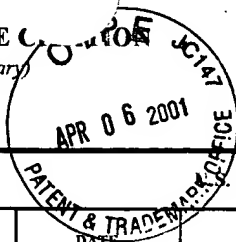


# INFORMATION DISCLOSURE

(Use several sheets if necessary)

#4 *PAR*



Docket Number (Optional)  
(Z) 00004 P L

Application Number  
09/759,806

Applicant(s)  
Shafer

Filing Date  
01/12/01

Group Art Unit

## PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<del>09/701,562</del>		<del>Shafer et al.</del>			<del>01/16/01</del>
<i>PAR</i>		09/761,562	1/16/2001	Shafer et al.	—	—	01/16/01

## FOREIGN PATENT DOCUMENTS

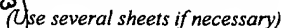
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER  
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**SHEET 1 OF 1**

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Application Number

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Shafer

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2873

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAR		4,685,777	08/11/1987	Hirose	G02B	17/08	
		<del>5,575,207</del>	<del>11/19/1996</del>	<del>Shimizu</del>	<del>B41E</del>	<del>13/24</del>	
PAR		5,323,263	06/21/1994	Schoenmakers	G02B	17/08	
PAR		5,052,763	10/01/1991	Singh et al	G02B	1/10	
PAR		4,701,035	10/20/1987	Hirose	G02B	17/06	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
PAR		EP 0 779 528 A2	<del>18/06/1997</del> 6/18/1997	Europe	G02B	17/08	✓	
PAR		EP 0 869 383 A2	<del>07/10/1998</del> 10/7/1998	Europe	G02B	17/08	✓	
PAR		DE 196 39 586	4/2/1998	Germany	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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Deborah Raiten

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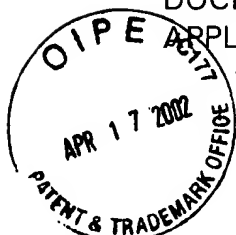
David R. SHAFER

FILING DATE:

January 12, 2001

CONFIRMATION NO:

AU 2873

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DAR	1. 4,171,871	10/23/79	Dill et al.	350	199	6/30/97
DAR	2. 4,232,969	11/11/80	Wilczynski	356	401	5/30/79
DAR	3. 4,595,295	6/17/86	Wilczynski	356	401	12/20/84
DAR	4. 5,063,586	11/5/91	Jewell et al.	378	34	5/30/90
DAR	5. 5,071,240	12/10/91	Ichihara et al.	359	366	9/8/90
DAR	6. 5,078,502	1/7/92	Cook	359	366	8/6/90
DAR	7. 5,089,913	2/18/92	Singh et al.	359	727	7/11/90
DAR	8. 5,153,898	10/6/92	Suzuki et al.	378	34	2/28/92
DAR	9. 5,159,172	10/27/92	Goodman et al.	219	151.68	8/7/90
DAR	10. 5,212,588	5/18/93	Viswanathan et al.	359	355	4/9/91
DAR	11. 5,220,590	6/15/93	Bruning et al.	378	34	5/5/92
DAR	12. 5,241,423	8/31/93	Chiu et al.	359	355	4/9/91
DAR	13. 5,315,629	5/24/94	Jewell et al.	378	34	7/19/91
DAR	14. 5,353,322	10/4/94	Bruning et al.	378	34	5/20/93
DAR	15. 5,401,934	3/28/95	Ainsworth, Jr. et al.	219	121.18	3/8/93
DAR	16. 5,410,434	4/25/95	Shafer	359	858	9/9/93
DAR	17. 5,515,207	5/7/96	Foo	359	731	11/3/93
DAR	18. 5,537,260	7/16/96	Williamson	359	727	10/8/93
DAR	19. 5,608,526	3/4/97	Piwonka-Corle et al.	356	369	1/19/95
DAR	20. 5,686,728	11/11/97	Shafer	250	492.2	5/1/96
DAR	21. 5,742,436	4/21/98	Furter	359	727	5/5/95
DAR	22. 5,805,357	9/8/98	Omura	359	727	6/12/97
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DAR	24. 5,815,310	9/29/98	Williamson	359	365	12/12/95
	<del>25. 5,935,275</del>	<del>11/10/98</del>	<del>Takahashi et al.</del>	<del>359</del>	<del>629</del>	<del>6/27/97</del>
DAR	26. 5,956,192	9/21/99	Williamson	359	859	9/18/97
DAR	27. 6,014,252	1/11/00	Shafer	359	355	2/20/98
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(English Equivalent of DE 196 39 586 cited in a previous IDS)

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09/759,806

APPLICANT:

David R. SHAFER

FILING DATE:

January 12, 2001

CONFIRMATION NO.:

\*EXAMINER  
INITIALS**FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		YES	NO
				CLASS	SUBCLASS		
DRR	31. EP 0 604 093	<del>11/19/97</del> 6/29/94	EPO	G02B	17/08	X	
DRR	32. EP 0 816892	<del>6/8/99</del> 1/1/98	EPO	G02B	17/08	X	
	<del>33. EP 1 067 448</del>	<del>1/10/01</del>	<del>EPO</del>	<del>G06F</del>	<del>1/04</del>	<del>X</del>	

**OTHER REFERENCES****(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)**\*EXAMINER  
INITIALS

EXAMINER:

Deborah Roizen

DATE CONSIDERED:

Sept 18, 2002

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